

EXPERIENCE

Etsy – *Senior Software Engineer*

October 2021 – August 2026

- Led Etsy's OpenAI feed variations project, identifying a ~3B-row scaling issue & driving a pivot to a scalable sharded Parquet architecture across product, analytics, platform, & OpenAI teams.
- Modernized Etsy's site navigation, driving jQuery deprecation to improve performance & architecting an overlay system adopted across Etsy.
- Built MCP tools & contributed to APIs for Etsy's ChatGPT & Gemini integrations, enabling new AI shopping experiences.
- Ideated & proposed a feature for Etsy's collection recommendation model, gained buy-in, implemented & validated it in BigQuery ML; contributed to a 0.78% conversion lift.
- Led a multivariate order-tracking experiment, uncovering hidden user states, resolving tradeoffs, & creating testing guidance adopted beyond the team.
- Led the deferred deep linking partnership with AppX, driving cross-team implementation & experimentation while diagnosing attribution issues.
- Drove engineering enablement through React training, mentorship, custom Claude Code skills, tech talks, & technical documentation.

Flatiron School – *Sr. Software Eng Instructor*

April 2020 – October 2021

- Delivered immersive instruction covering JavaScript, React, Ruby on Rails, HTML, CSS, Git, & software engineering best practices while mentoring students through debugging, code reviews & architecture.
- Selected as Lead Instructor for Flatiron School's software engineering course at Yale University, leading curriculum delivery, mentoring students, & coordinating instructional staff for the Summer 2021 cohort.

Siemens – *Software Engineer*

August 2019 – April 2020

- Developed, tested, debugged, & maintained enterprise software for building systems using C++ in Linux environments.

Capital One – *Instructor / Software Engineer*

January 2019 – August 2019

- Developed & delivered instruction for Capital One's internal software engineering program preparing employees for engineering roles while building an internal application using React, Redux, PostgreSQL, & Sequelize.

EDUCATION

Rutgers University – *B.A. Computer Science, B.A. Russian Language & Literature*

TECHNICAL SKILLS

Languages: JavaScript/TypeScript, Python, PHP, Ruby, SQL, HTML, CSS

Technologies: React, Flask, REST APIs, MCP

Platforms & Tools: Git, GitHub, GCP, BigQuery, Postman

INTERESTS

Songwriting, Piano, Flute, Guitar, Gardening, Languages (Spanish, Russian, French)